ABBREVIATIONS Air Conditioning On Center Alternate Feet Floor Outside Dlamete ARCH BD BRG BLKG BLDG BOT CLG CL CO CONC Architect FIN FI R Finish Floor OH DR Overhead Door Fire Extinguisher Bearing Blocking Building Bottom Ceiling CenterLine Finish Perpendicular PLAM Floor Drain Plastic Laminate PL GL PLBG Plate Glass Footing Plumbing Property Line REFR REINF Refrigeration Concrete Galvantzed Iron ReInforce CONF Conference CONSTR Construction REQD GYP BD Gypsum Board Roof Drain HDW HC HVAC CONT Schedule Continue Hardware CONTR Contractor CJ Control Joh COORD Coordinate CORR Comidor CSK Countersuni COMM Communica Handlcap SIM SPEC Similar Control Joint Heating Ventilation Specification & Air Conditioning SQ STD Standard Inside Diameter SUSP CLG Suspended Ceiling Isometric Tongue and Groove TO TOB TOS DEMO DIAG DIA DIM DN DS DWG ELEC EL ELEV EQ EQUIP Demolition Knockout Pane Top of Beam Top of Slab Laboratory Top of PARTITION Lavatory Transformer TYP UNO Manhole Unless Noted Drawing Electric Elevation Manufacturer VTR Masonry Opening Vent Through Roof VERT VEST Elevator Equal MECH Mechanical Vestibule Equipment Existing Minimum Water Closet EXIST EXP EJ EXT EWC Miscellaneous Nominal Welded Wire Fabric Not In Contract **GENERAL SYMBOLS** SEE PLUMBING, MECHANICAL AND ELECTRICAL FOR DISCIPLINE SYMBOLS GRID REFERENCE MARK SHEET NUMBER Sheet Number Seque Sheet Type Discipline Number Horizontal Letters Vertical T.O. DECK SPOT ELEVATION 1.1A DOOR NUMBER WINDOW NUMBER PARTITION TYPE 1 MATERIALS GYPSUM BOARD EIFS BATT INSULATION CONCRETE RIGID INSULATION

WEBER STATE UNIVERSITY LIND LECTURE HALL PARTIAL REMODEL

OGDEN, UTAH

UTAH STATE DIVISION OF FACILITIES CONSTRUCTION & MANAGEMENT - DFCM PROJECT NO. 04040810

BID PACKAGE NO. 1: DEMOLITION & ABATEMENT MARCH 24, 2006

International Building Code 2003 National Electrical Code 2005 International Mechanical Code 2003 Uniform Code for	GI001 SHEET INDEX AND GENERAL INFORMATION
International Plumbing Code 2003 Bullding Conservation NA Bullding Conservation NA Bullding Conservation	
International Energy Guildelines 1994	ARCHITECTURAL MECHANICAL
Conservation Code	AS101 SITE PLAN DMH001 LEGEND SHEET
. Occupancy and Group	DAE100 GROUND FLOOR & CEILING DEMO PLAN DMH100 GROUND FLOOR MECHANICAL DEMOLITION PLAN DAE101 FIRST FLOOR DEMO PLAN DMH101 FIRST FLOOR MECHANICAL DEMOLITION PLAN
Change in Use: Yes NoX Mixed Occupancy: Yes X _ No	DAE102 SECOND FLOOR DEMO PLAN DMH102 SECOND FLOOR MECHANICAL DEMOLITION PLAN
Seismic Design Category: Design Wind Speed: mph	DAC101 FIRST FLOOR CEILING DEMO PLAN DAC102 SECOND FLOOR CEILING DEMO PLAN
Type of Construction (circle one):	PLUMBING
	HAZARDOUS MATERIALS DPL101 FIRST FLOOR PLUMBING DEMOLITION PLAN
\overline{A} \overline{B} \overline{A} \overline{B} \overline{A} \overline{B} \overline{HT} \overline{A} \overline{B}	INCLUDED FOR REFERENCE ONLY, DRAWINGS PREPARED BY DPL102 SECOND FLOOR PLUMBING DEMOLITION PLAN
Fire Resistance Rating Requirements for the Exterior Walls based on the fire separation distance (in hours).	ROWLAND CONSULTING 1. GROUND FLOOR DEMO PLAN - ASBESTOS ABATEMENT
North: 0 South: 0 East: 0 West: 0	2. FIRST FLOOR PLAN - ASBESTOS ABATEMENT
Mixed Occupancies: B,A-3	3. SECOND FLOOR PLAN - ASBESTOS ABATEMENT <u>ELECTRICAL</u>
Nonseparated Uses: N/A	DEE100 GROUND FLOOR ELECTRICAL DEMOLITION PLAN
Sprinklers:	DEE101 FIRST FLOOR ELECTRICAL DEMOLITION PLAN DEE102 SECOND FLOOR ELECTRICAL DEMOLITION PLAN
Required: NO Provided: NO Type of Sprinkler System: N/A	DEE101-ALT ALT, FIRST FLOOR ELECTRICAL DEMOLITION PLAN
Number of Storles: 3 Bullding Height: 38-8"	
: Actual Area per Floor (square feet): G = 31,882 SF, 1ST = 32,856 SF, 2ND = 10,460 SF	
Tabular Area:	
Area Modifications: N/A	
d) Unlimited Area Building: Yes NoX Code Section:	
Fire Resistance Rating Requirements for Building Elements (hours).	
Flement Hours Assembly Flement Hours Assembly	
Listing Listing	
Interior Bearing Walls 0 Roofs - Celling Roofs 0	
Exterior Non-Bearing Walls 0 Exterior Doors and Windows 0 Structural Frame 0 Shaft Enclosures 1 UL-U469	
Partitions - Permanent 0 Fire Walls 1 UL-U906 Fire Barriers 0 Fire Partitions 0	
Smoke Partitions 0	
Design Occupant Load:	
Exit Width Required: Exit Width Provided:	
. Minimum Number of Required Plumbing Facilities: NUMBER OF EXIST. FIXTURES TO REMAIN THE SAME	
a) Water Closets - Required (m) (f) Provided (m) (f)	
b) Lavatories - Required (m) (f) Provided (m) (f) c) Bath Tubs or Showers:	
d) Drinking Fountains: Service Sinks:	
OOTNOTES:	
In case of conflict with the U.S. Department of Justice Federal Registers Parts I	
through ▼ - ADA Guidelines and specific reference to the International Building Code Accessibility Chapters, the more restrictive requirement shall govern.	
Additional Code Information shall be provided at the discretion of the Building Official for Complex Buildings. Including, but not limited to:	
a) Performance Based Criteria.	
b) Means or Egress Analysis.	
c) Fire Assembly Locator Sheet. d) Exterior and Interior Accessibility Route.	
e) Fire Stopping, Including Tested Design Number. VICINITY MAP	
PROJECT LOCATION: BUILDING 7	

INDEX TO DRAWINGS

APPLICABLE CODES

Year



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LIND LECTURE HALL REMODEL WEBER STATE UNIVERSITY OGDEN CAMPUS OGDEN, UTAH STATE DIVISION OF FACILITIES CONSTRUCTION & MANAGEMENT DFCM PROJECT NO. 04040810

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SHEET INDEX AND GENERAL INFORMATION

DEMO & ABATEMENT SET

SHEET NUMBER

GI001

SITE PLAN (FOR REFERENCE ONLY) BNIFDING TECHNICAL EDUCATION PARKING BNIFDING SCIENCE FAB LIND LECTURE HALL MUIAATƏNAJ9

rorsa

DEMO & ABATEMENT SET

SITE PLAN



UTAH STATE DIVISION OF FACILITIES CONSTRUCTION & MANAGEMENT DFCM PROJECT NO. 04040810

NO. 2005605

LIND LECTURE HALL REMODEL WEBER STATE UNIVERSITY OGDEN CAMPUS OGDEN, UTAH

3. CONTRACTOR SHALL BE FAMILLER WITH ALL EXISTING UTILITIES AND BE RESPONSIBLE FOR PROTECTING THE SAME.

2. ALL EXISTING SITE IMPROVEMENTS DAMAGED BY CONSTRUCTION OPERATIONS SHALL BE REPAIREDTO EXISTING CONDITIONS AS PART OF THIS CONTRACT.

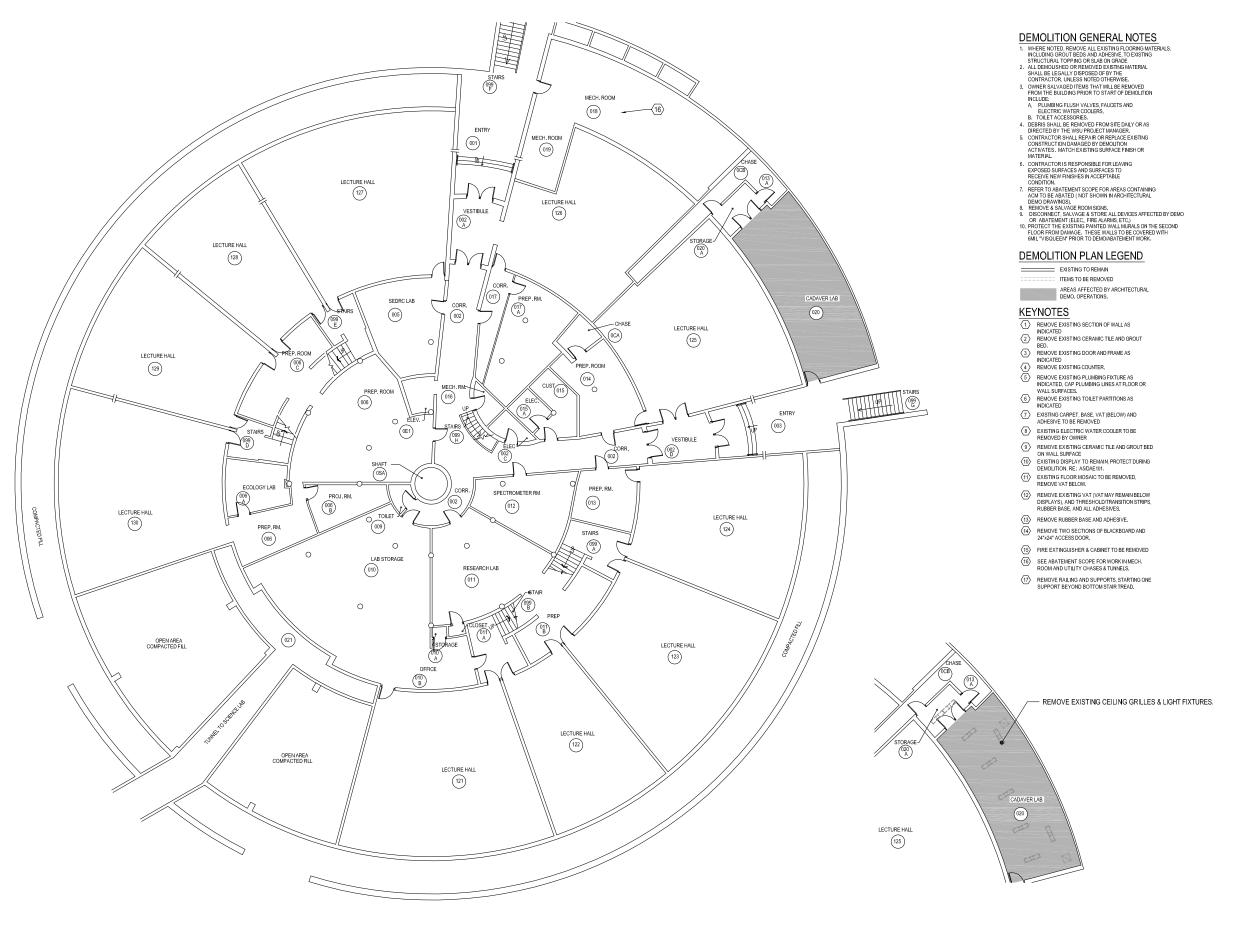
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GENERAL NOTES:

420 East South Temple Suite 100 Salt Lake City, Utah 84111 Telefax (801) 595-6700 Telefax (801) 595-6717

1. ALL CONSTRUCTION OPERATIONS SHALL MINIMIZE
DAMAGE TO THE EXISTING SITE AND

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UTAH UTAH STATE DIVISION OF FACILITIES CONSTRUCTION & MANAGEMENT DFCM PROJECT NO. 04040810 CTURE HALL REMODEL STATE UNIVERSITY CAMPUS OGDEN, UTA LIND LEC WEBER (OGDEN (

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GROUND FLOOR & CEILING DEMO PLAN

DEMO & ABATEMENT SET

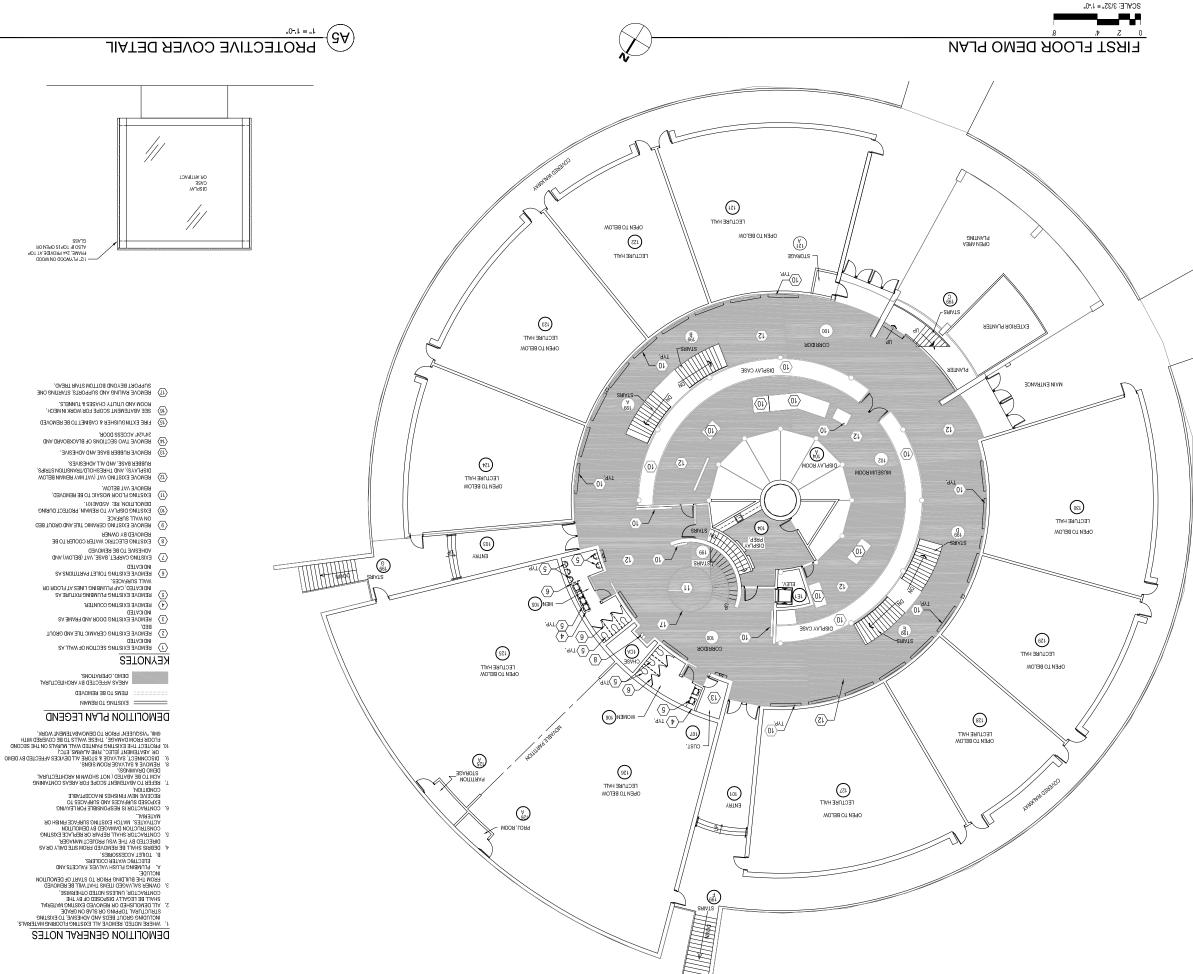
DAE100

GROUND FLOOR DEMO PLAN

SCALE: 3/32" = 1'-0"



CADAVER LAB ROOM 020 CEILING DEMO PLAN SCALE: 3/32" = 1'-0"



DAE101

DEMO & ABATEMENT SET

FIRST FLOOR DEMO PLAN



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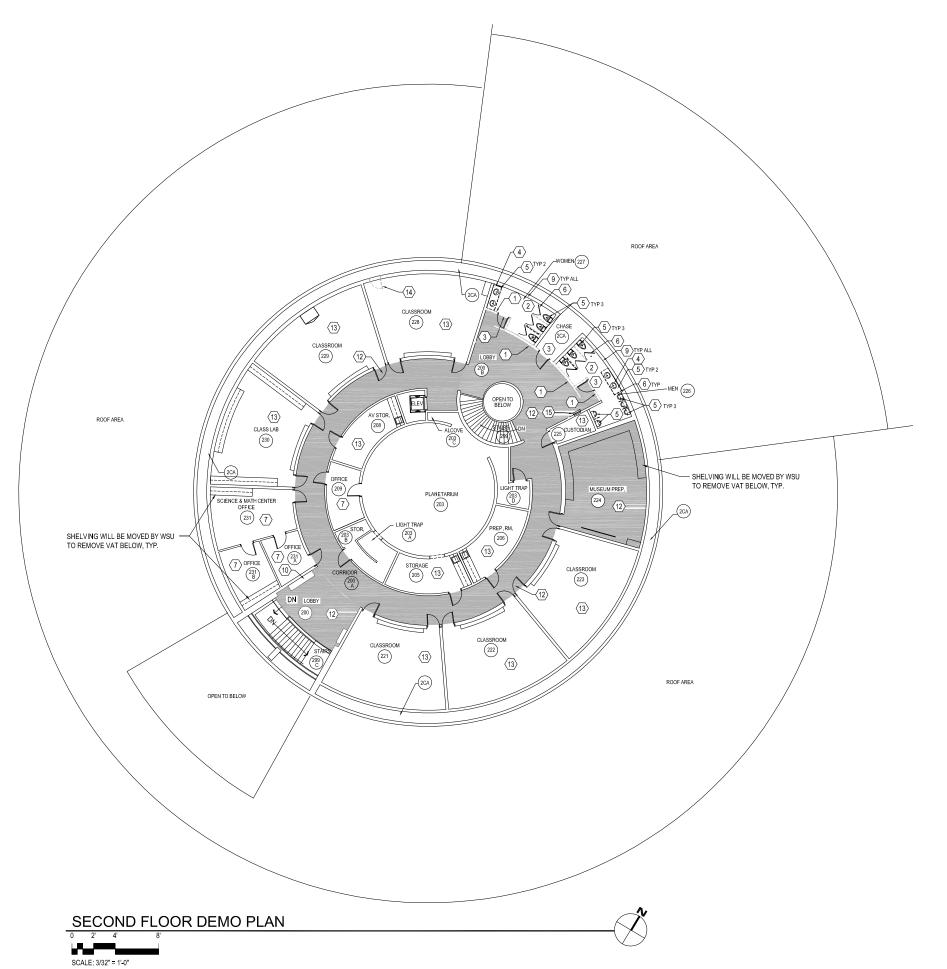
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UTAH STATE DIVISION OF FACILITIES CONSTRUCTION & MANAGEMENT DFCM PROJECT NO. 04040810

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DEMOLITION GENERAL NOTES

- 1. WHERE NOTED, REMOVE ALL EXISTING FLOORING MATERIALS, INCLUDING GROUT BEDS AND ADHESIVE. TO EXISTING STRUCTURAL TOPPING OR SALBO NORADE 2. ALL DEMOLISHED OR REMOVED EXISTING MATERIAL SHALL BE LEGALLY DISPOSED OF BY THE CONTRACTOR, UNLESS NOTED OTHERWISE.

 3. OWINER SALVAGED ITEMS THAT WILL BE REMOVED FROM THE BUILDING PRIOR TO START OF DEMOLITION INCLUDE.

- FROM THE BUILDING PRIOR TO START OF DEMOLITION INCLIDE:

 A. PLUMBING FLUSH VALVES, FAUCETS AND ELECTRIC WATER COOLERS.

 B. TOILET ACCESSORES.

 DEBRIS SHALL BE REMOVED FROM SITE DAILY OR AS DIRECTED BY THE WSU PROJECT MANAGER.

 CONTRACTOR SHALL REPAIR OR REPLACE EXISTING CONSTRUCTION DAMAGED BY DEMOLITION ACTIVATES. MATCH EXISTING SURFACE FINISH OR MATERIAL.

- ACTIVITES, MR. OF LAST INTS SOUTHWEETHINGS.

 ACTIVITES, MR. OF LAST INTS SOUTHWEETHING ENVIRON SURFACES TO RECEIVE NEW FINISHES IN ACCEPTABLE CONDITION.

 REFER TO ABATEMENT SCOPE FOR AREAS CONTAINING ACM TO BE ABATED (NOT SHOWN IN ARCHITECTURAL DEMO DRAWINGS).

 REMOVE A SALVAGE ROOM SIGNS.

 DISCONNECT, SALVAGE & STORE ALL DEVICES AFFECTED BY DEMO OR ABATEMENT (ELEC, FIRE ALARMS, ETC.).

 PROTECT THE EXISTING PAINTED WALL MURALS ON THE SECOND FLOOR FROM DAMAGE. THESE WALLS TO BE COVERED WITH GMIL "VISQUEEN" PRIOR TO DEMO/ABATEMENT WORK.

DEMOLITION PLAN LEGEND

EXISTING TO REMAIN ITEMS TO BE REMOVED

AREAS AFFECTED BY ARCHITECTURAL DEMO. OPERATIONS.

KEYNOTES

- REMOVE EXISTING SECTION OF WALL AS INDICATED
- REMOVE EXISTING CERAMIC TILE AND GROUT BED.
- BED.

 REMOVE EXISTING DOOR AND FRAME AS INDICATED

 REMOVE EXISTING COUNTER.
- Elemove existing plumbing fixture as indicated, cap plumbing lines at floor or wall surfaces.
 Remove existing toilet partitions as indicated.
- (7) EXISTING CARPET, BASE, VAT (BELOW) AND ADHESIVE TO BE REMOVED
- EXISTING ELECTRIC WATER COOLER TO BE REMOVED BY OWNER
- REMOVE EXISTING CERAMIC TILE AND GROUT BED ON WALL SURFACE
- (10) EXISTING DISPLAY TO REMAIN, PROTECT DURING DEMOLITION, RE: A5/DAE101.
- EXISTING FLOOR MOSAIC TO BE REMOVED, REMOVE VAT BELOW.
- (12) REMOVE EXISTING VAT (VAT MAY REMAIN BELOW DISPLAYS), AND THRESHOLD/TRANSITION STRIPS, RUBBER BASE, AND ALL ADHESIVES.
- (13) REMOVE RUBBER BASE AND ADHESIVE.
- REMOVE TWO SECTIONS OF BLACKBOARD AND 24"x24" ACCESS DOOR.
- (15) FIRE EXTINGUISHER & CABINET TO BE REMOVED
- SEE ABATEMENT SCOPE FOR WORK IN MECH. ROOM AND UTILITY CHASES & TUNNELS.
- (17) REMOVE RAILING AND SUPPORTS, STARTING ONE SUPPORT BEYOND BOTTOM STAIR TREAD.

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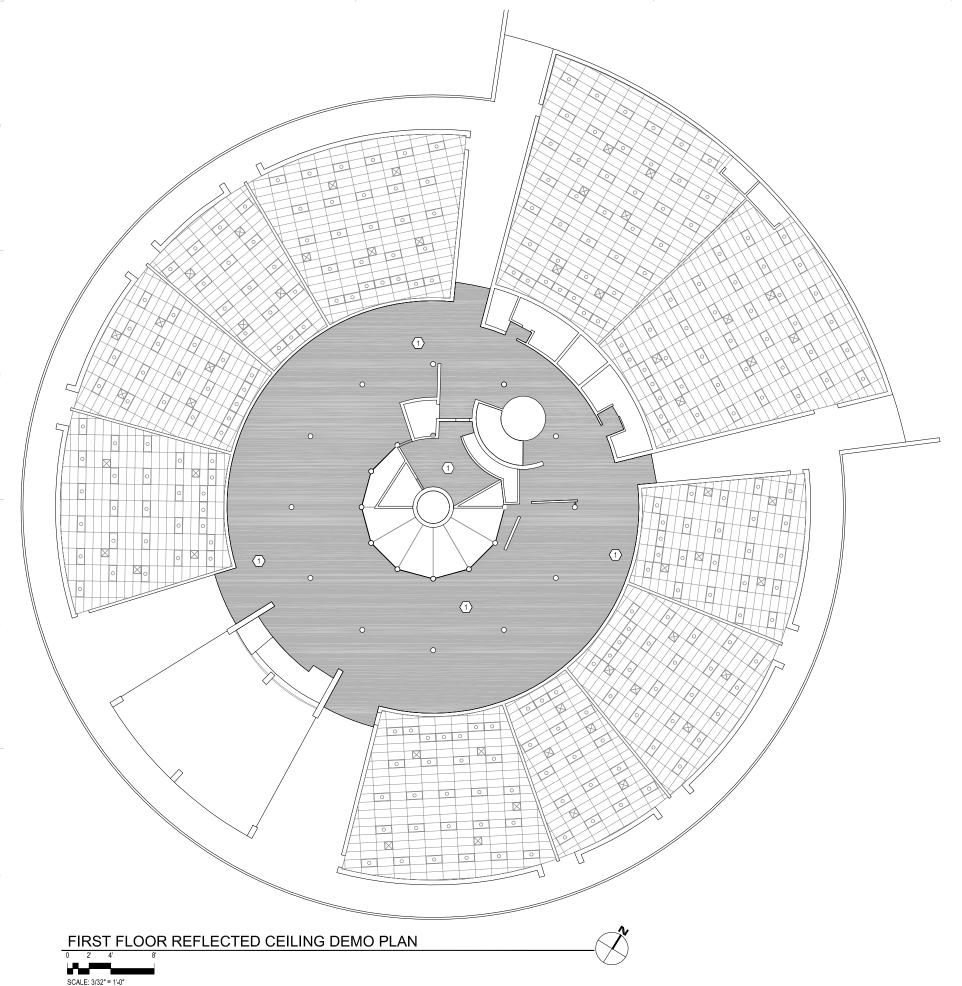
UTAH UTAH STATE DIVISION OF FACILITIES CONSTRUCTION & MANAGEMENT DFCM PROJECT NO. 04040810 LIND LECTURE HALL REMODEL WEBER STATE UNIVERSITY OGDEN CAMPUS OGDEN, UTA

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SECOND FLOOR **DEMO PLAN**

DEMO & ABATEMENT SET

DAE102



CEILING DEMOLITION GENERAL NOTES

- PROVIDE TEMPORARY SUPPORT FOR LOOSE WIRING/CABLING & NON-SUPPORTED CONDUIT/PIPING DISCOVERED ABOVE THE EXISTING CEILING.
- 2. BRACE EXISTING PARTITION WALLS WITH METAL STUDS @ 8'-0" O.C., AFTER CEILING REMOVAL.



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CEILING PLAN LEGEND



2' x 4' ACOUSTICAL CEILING TILE SYSTEM



AREA EFFECTED BY ARCHITECTURAL

0

2' x 4' RECESSED FLUORESCENT LIGHT FIXTURE

1' x 4' SURFACE MOUNTED FIXTURE

 \boxtimes

SUPPLY AIR DIFFUSER - SEE MECH.

RETURN AIR/EXHAUST GRILLE

CEILING KEY NOTES

- (1) REMOVE EXISTING ACCOUSTICAL SPRAY ON COATING.
- REMOVE EXISTING CEILING, INCLUDING FRAMING SYSTEM, LIGHT FIXTURES, DIFFUSERS, ACCESS DOORS, ETC.

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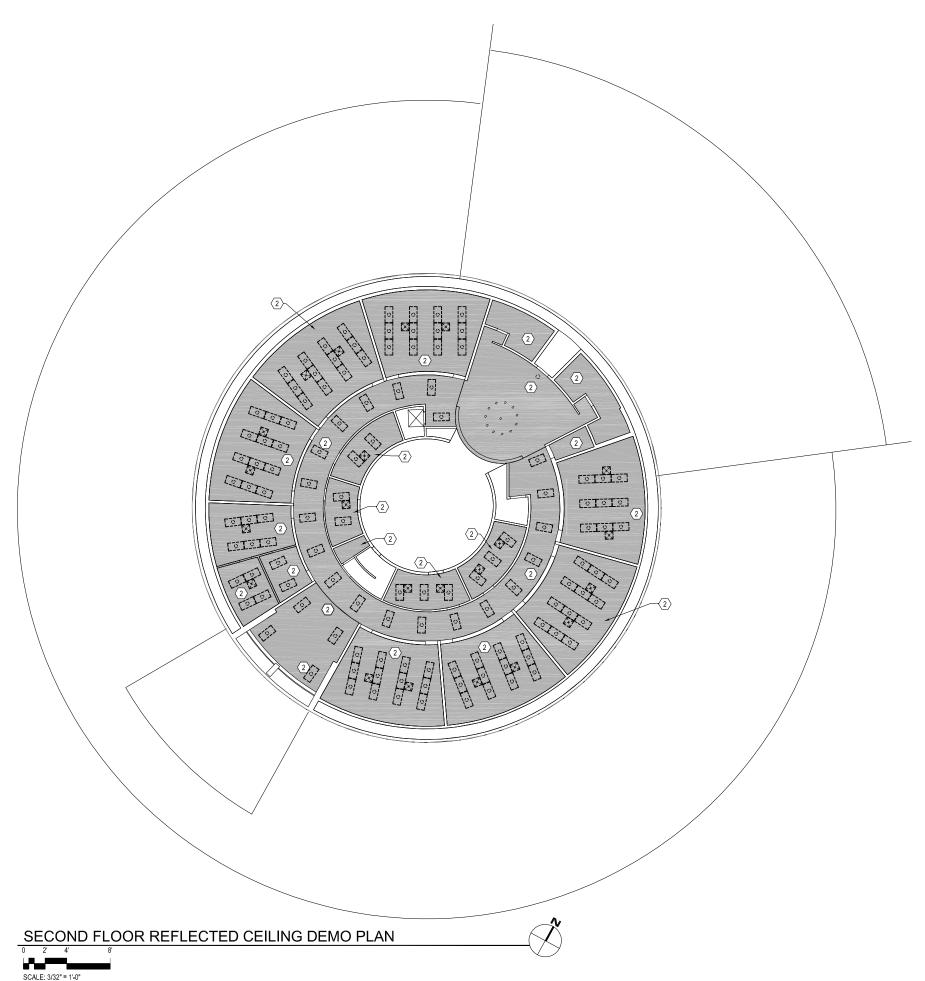
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FIRST FLOOR CEILING DEMO PLAN

DEMO & ABATEMENT SET

DAC101



CEILING DEMOLITION GENERAL NOTES

- PROVIDE TEMPORARY SUPPORT FOR LOOSE WIRING/CABLING & NON-SUPPORTED CONDUIT/PIPING DISCOVERED ABOVE THE EXISTING CEILING.
- BRACE EXISTING PARTITION WALLS WITH METAL STUDS @ 8'-0" O.C., AFTER CEILING REMOVAL.

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CEILING PLAN LEGEND

2' x 4' ACOUSTICAL CEILING TILE SYSTEM

AREA EFFECTED BY ARCHITECTURAL DEMO.

2' x 4' RECESSED FLUORESCENT LIGHT

1' x 4' SURFACE MOUNTED FIXTURE

SUPPLY AIR DIFFUSER - SEE MECH.

RETURN AIR/EXHAUST GRILLE

CEILING KEY NOTES

- REMOVE EXISTING ACCOUSTICAL SPRAY ON COATING.
- REMOVE EXISTING CEILING, INCLUDING FRAMING SYSTEM, LIGHT FIXTURES, DIFFUSERS, ACCESS DOORS, ETC.

WEBER STATE UNIVERSITY OGDEN CAMPUS OGDEN, UTAH UTAH STATE DIVISION OF FACILITIES CONSTRUCTION & MANAGEMENT DFCM PROJECT NO. 04040810

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SECOND FLOOR CEILING DEMO PLAN

DEMO & ABATEMENT SET

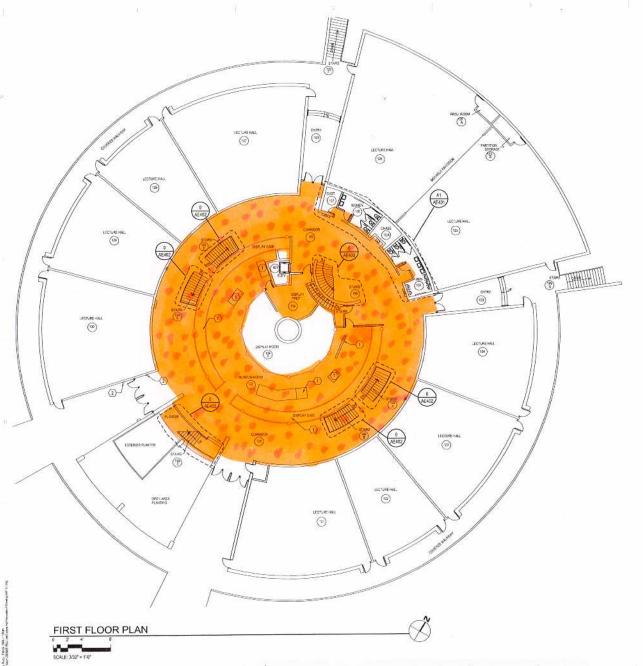
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DAC102





THERMAL SYSTEM INSULATION TSI JOINTS/FITTINGS (MUDDED)



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LIND LECTURE HALL
ASBESTOS ABATEMENT





FLOOR TILE & MASTIC



TEXTURED CEILING MATERIAL TCM

THERMAL SYSTEM INSULATION TSI JOINTS/FITTINGS (MUDDED)



FLOOR TILE & MASTIC

WEBER STATE UNIVERSITY LIND LECTURE HALL ASBESTOS ABATEMENT

DRAWINGS INDEX

			REVISIONS				
SHEET NUMBER	SHEET TITLE	-	-	-	-		
DMH001	LEGEND SHEET						
DMH100	GROUND FLOOR MECHAINCAL DEMOLITION PLAN						
DMH101	FIRST FLOOR MECHANICAL DEMOLITION PLAN						
DMH102	SECOND FLOOR MECHANICAL DEMOLITION PLAN						
DPL101	FIRST FLOOR PLUMBING DEMOLITION PLAN						
DPL102	SECOND FLOOR PLUMBING DEMOLITION PLAN						
_	-						

ABBREVIATIONS

ø	ROUND OR DIAMETER	мвн	THOUSAND BRITISH THERMAL UNITS/HOUR
AD	ACCESS DOOR	MECH	MECHANICAL
AF	AIRFOIL	MIN	MINIMUM
AFF	ABOVE FINISHED FLOOR	NC	NOISE CRITERIA OR NORMALLY CLOSED
ALT	ALTERNATE	NIC	NOT IN CONTRACT
ВІ	BACKWARD INCLINED	NO.	NUMBER
BOD	BOTTOM OF DUCT	NOM	NOMINAL
BOP	BOTTOM OF PIPE	NTS	NOT TO SCALE
BTU/H	BRITISH THERMAL UNITS PER HOUR	0A	OUTSIDE AIR
CAP.	CAPACITY	OBD	OPPOSED BLADE DAMPER
CFM	CUBIC FEET PER MINUTE	OD	OVERFLOW DRAIN
CV	CONSTANT VOLUME	OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
DB	DRY BULB	OFOI	OWNER FURNISHED, OWNER INSTALLED
DIA	DIAMETER	PD	PRESSURE DROP
DSN	DOWN SPOUT NOZZLE	POC	POINT OF CONNECTION
DW	DISHWASHER	PRV	PRESSURE REDUCING VALVE
(E)	EXISTING	PSI	POUNDS PER SQUARE INCH
EAT	ENTERING AIR TEMPERATURE	PSIG	POUNDS PER SQUARE INCH GAUGE
EFF	EFFICIENCY	RA	RETURN AIR
ELEV	ELEVATION	RAD	RADIUS
ENCL	ENCLOSURE	RD	ROOF DRAIN
ESP	EXTERNAL STATIC PRESSURE	RPBP	REDUCED PRESSURE BACKFLOW PREVENTER
ET	EXPANSION TANK	SA	SUPPLY AIR
EWC	ELECTRIC WATER COOLER	SEN	SENSIBLE
EWT	ENTERING WATER TEMPERATURE	SIM	SIMILAR
FC0	FLOOR CLEANOUT	SL	SEA LEVEL
FD	FLOOR DRAIN	SP	STATIC PRESSURE
FPM	FEET PER MINUTE	SQ FT	SQUARE FEET
FS	FLOOR SINK	SS	SERVICE SINK OR STAINLESS STEEL
FT	FEET	TOD	TOP OF DUCT
FV	FACE VELOCITY	TSP	TOTAL STATIC PRESSURE
GA	GAUGE	U	URINAL
GAL	GALLON	VAV	VARIABLE AIR VOLUME
GD	GARAGE DRAIN	VD	VOLUME DAMPER
GPM	GALLONS PER MINUTE	VFD	VARIABLE FREQUENCY DRIVE
HP	HORSEPOWER	VOL	VOLUME
HR	HOUR	VTR	VENT THROUGH ROOF
HT	HEIGHT	W/	WITH
IN.	INCH	W /0	WITHOUT
INWC	INCHES OF WATER COLUMN	WB	WET BULB
INWG	INCHES OF WATER GAUGE	WC	WATER CLOSET
L	LAVATORY OR LOUVER	MVD	MANUAL VOLUME DAMPER
LAT	LEAVING AIR TEMPERATURE	WCO	WALL CLEANOUT
LBS	POUNDS	WPD	WATER PRESSURE DROP
LWT	LEAVING WATER TEMPERATURE	WT	WEIGHT
MAX	MAXIMUM		,

ALTITUDE: 4,455 FT

SITE ATMOSPHERIC PRESSURE: 12.5 P.S.I.

MECHANICAL LEGEND

NOTE: ALL ITEMS MAY NOT APPEAR ON DRAWINGS

GATE VALVE	— ⋈—	OVERFLOW DRAIN PIPING	— oo —
OS & Y PATTERN GATE VALVE	— ▼ —	STORM DRAIN PIPING ABOVE GRADE	— SD —
BALL VALVE	<u></u>	STORM DRAIN PIPING BELOW GRADE	SD
BUTTERFLY VALVE	— ∮—	FIRE SERVICE	F
MOTORIZED VALVE OPERATOR	M	NATURAL GAS	G
GAS COCK	<u> </u>	HEAT TRACING	
PLUG VALVE	$\rightarrow \stackrel{\circ}{\nabla} \vdash$	CHILLED WATER SUPPLY	CHS
CHECK VALVE (SWING OR LIFT AS REQ'D)	— <u>F</u>	CHILLED WATER RETURN	—— CHR——
SOLENOID VALVE		CONDENSER WATER SUPPLY	CS
AUTOMATIC CONTROL VALVE (2-WAY)	~_ \$—	CONDENSER WATER RETURN	— CR —
AUTOMATIC CONTROL VALVE (3-WAY)		HEATING WATER SUPPLY	——H W S——
, ,		HEATING WATER RETURN	——HWR——
PRESSURE REDUCING VALVE P & T RELIEF VALVE	—-₹ —-	RADIANT FLOOR SUPPLY	—
	_^ ^	RADIANT FLOOR SUPPLY	
AIR VENT (AUTOMATIC)			——RFR——
CURB COCK	—————	STEAM	s
THERMAL EXPANSION VALVE	——⊗—	REFRIGERANT LIQUID	— RL —
STRAINER	— "	REFRIGERANT SUCTION	—— RS ——
CALIBRATED BALANCE VALVE		HOT GAS	— нс —
VENTURI FLOW METER	\longrightarrow	HOT GAS BYPASS	— HGBP —
REDUCER	—⊸	DUCT SIZE, FIRST FIGURE IS SIDE SHOWN	18/12
PET COCK OR GAUGE COCK		BURIED OR UNDERFLOOR DUCT	EIIII3
PRESSURE GAUGE W/GAUGE COCK	<u></u>	DUCT W/ ACOUSTICAL LINING	
THERMOMETER		FLEXIBLE DUCT (HELICAL)	~~
TEMPERATURE & PRESSURE TEST PLUG	T	SPIN-IN FITTINGS W/MVD	- = -
IN-LINE PUMP		FLEXIBLE DUCT CONNECTION	
FLOW SWITCH	<u>F</u>	SUPPLY SLOT DIFFUSER	<u> </u>
AQUASTAT	<u>A</u>	SUPPLY DIFFUSER	\boxtimes
HOSE BIBB OR SILLCOCK	+	RETURN GRILLE	
YARD HYDRANT	—— (RADIAL SUPPLY DIFFUSERS	₩ ₩
FLOOR DRAIN		RETURN AIR DUCT SECTION	
FLOOR SINK		RETURN AIR DUCT UP	$\square \Diamond$
MANHOLE	0	RETURN AIR DUCT DOWN	ПŎ
WALL CLEANOUT	-	SUPPLY AIR DUCT SECTION	\blacksquare
FLOOR OR GRADE CLEANOUT	<u>ф</u>	SUPPLY AIR DUCT UP	$\overline{\square} \otimes$
GRADE CLEANOUT W/ CONCRETE PAD	—————————————————————————————————————	SUPPLY AIR DUCT DOWN	ΜЖ
VENT THROUGH ROOF	1/4	EXHAUST AIR DUCT SECTION	
POST TYPE FDC CONNECTION	.Ω.	EXHAUST AIR DUCT UP	
WALL TYPE FDC CONNECTION		EXHAUST AIR DUCT DOWN	
FIRE HOSE CABINET	1284	ACCESS PANEL	
FIRE DEPT. HORN & LIGHT	->-	MANUAL VOLUME DAMPER	
EXPANSION JOINT		GRAVITY BACKDRAFT DAMPER	G
FLEXIBLE PIPE CONNECTION		MOTORIZED DAMPER	М
REDUCED PRESSURE BACKFLOW PREVENTER		FIRE DAMPER	
	Krbr		
DIRECTION OF FLOW FLROW DOWN		SMOKE DAMPER	
223011 301111		COMBINATION FIRE/SMOKE DAMPER	
ELBOW UP		DUCT TRANSITION	
PIPE CAP		ELBOW W/ TURNING VANES	J = 14
TEE DOWN		TEE W/ 45° ENTRY	
UNION	—— 	WYE W/ 45' ENTRY	【 ' 』 【尸 ·
DOMESTIC COLD WATER		THERMOSTAT OR TEMP SENSOR	①
DOMESTIC HOT WATER		HUMIDISTAT OR HUMIDITY SENSOR	H
HOT WATER CIRC.		POINT OF REMOVAL FROM EXISTING	
TEMPERED WATER	—т—	POINT OF CONNECTION TO EXISTING	•
SANITARY (PLBG) VENT		DETAIL TAG DETAIL NO	(=)
SANITARY SEWER ABOVE GRADE		DRAWING NO NOTE NO	
SANITARY SEWER BELOW GRADE		KEYED NOTE SECTIONS NO	_ \
DRAIN	D	SECTION CUT LINE	\(\frac{1}{2}\)
ROOF DRAIN PIPING	— RD —	DRAWING NO	





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LEGENDS AND ABBREVIATIONS

DEMOLITION SET DATE 03/24/06

SHEET NUMBER

DMH001

By: Nodyt, Mar 22, 2006 - 3.01pm K:South12005605 WSU Lind Lecture Hall Renovation VI Drawings/Demo-abatemant/MECHAN

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LIND LECTURE HALL REMODEL WEBER STATE UNIVERSITY OGDEN CAMPUS OGDEN, UTAH

UTAH STATE DIVISION OF FACILITIES CONSTRUCTION & MANAGEMENT DFCM PROJECT NO. 04040810

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GROUND FLOOR MECHANICAL DEMOLITION PLAN

DEMOLITION SET DATE 03/24/06

HEET NUMBER

DMH100



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FIRST FLOOR MECHANICAL DEMOLITION PLAN

DEMOLITION SET DATE 03/24/06

HEET NUMBER

DMH101

6' 0 4' 8' 12' 16'

SECOND FLOOR MECHANICAL

DEMOLITION PLAN

SCALE: 3/32" = 1'-0"



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JECT NO. 2005605 GR

SECOND FLOOR MECHANICAL DEMOLITION PLAN

DMH102

DEMOLITION SET DATE 03/24/06 Colvin
Engineering
Associates, Inc.

244 West 300 North Sulte 200 Salt Lake City, Utah 84103 Phone: (801) 322-2400 / Fax: (801) 322-2416



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FIRST FLOOR PLUMBING DEMOLITION PLAN

DEMOLITION SET DATE 03/24/06

HEET NUMBER

DPL101



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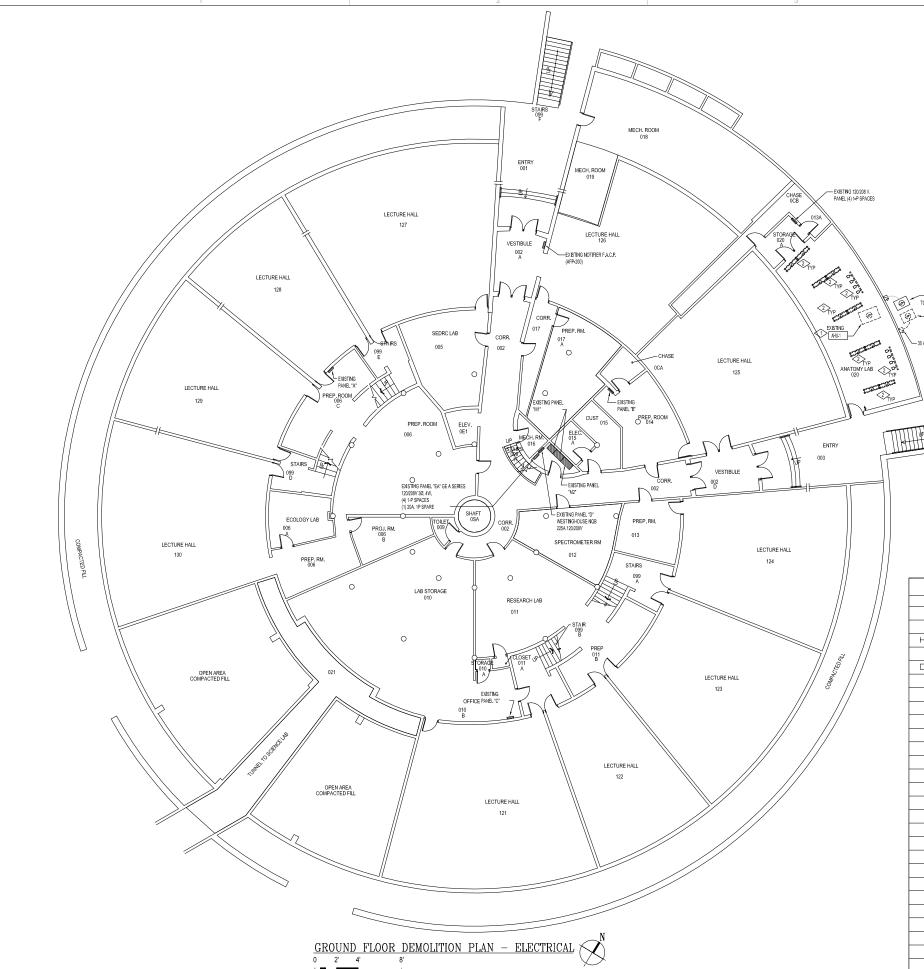
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SECOND FLOOR PLUMBING DEMOLITION PLAN

DEMOLITION SET DATE 03/24/06

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DPL102



- EXISTING MECHANICAL UNIT SHALL BE REMOVED BY THE MECHANICAL CONTRACTOR. DISCONNECT FOVER, REMOVE CONDUCTORS, ETC. ALL THE WAY BACK TO ORIGINATION POINTS. UTILIZE EXISTING CONDUCT AS POSSIBLE FOR NEW EQUIPMENT INSTALLATIONS. REMOVE ANY ARANDOMED CONDUCT.
- REMOVE DISTING LIGHT FIXTURES AS REQUIRED TO ALLOW REMOVAL OF CEILING.

 TEMPORALLY REINSTALL LIGHT FIXTURES PERIONIT LIQUITED FROM THE CONCRETE DECK UNIT, NEW CELLING INSTALL LIGHT FIXTURES PERIONITY LIQUITED CONCLORORS, CHAIN HANG SITS, ETC., FOR A COMPLETE INSTALLATION. COORDINATE WITH THE GENERAL CONTRACTOR.

GENERAL DEMOLITION NOTES:

1.AT THE END OF THE DEMOLITION PROJECT ELECTRICAL CONTRACTOR IS TO UPDATE PANEL DENTIFICATION CARD FOR ALL THE PANELBOARDS WHICH HAVE HAD CIRCUITS MODIFIED UNDER THIS CONTRACT.

3. ELECTRICAL CONTRACTOR IS TO REMOVE ALL ELECTRICAL CONNECTIONS AND CONTROL WIRING TO ALL THE EXISTING MECHANICAL EQUIPMENT IN THE REMODEL AREA, ETC. REMOVE ALL CONDUIT AND COUNDUT ONS ALL THE WAY BACK TO PANEL BOARDS, COORDINATE THIS WORK WITH MECHANICAL CONTRACTOR.

4. ELECTRICAL CONTRACTOR IS TO MAINTAIN POWER TO ALL DEVICES, EQUIPMENT, LIGHTS, ETC, IN OTHER PART OF THE BUILDING. TRACE ALL THESE CIRCUITS AND PROPERLY IDENTIFY IN PANEL SCHEDULES. COORDINATE THIS WORK WITH GENERAL CONTRACTOR AND CAMPUS ELECTRICAL

5. CONTRACTOR MUST CAP ALL THE HOLES IN THE PANELBOARD WHICH ARE TO REMAIN WHERE THE EXISTING CONDUITS ARE BEING REMOVED.

7. IN AREAS WHERE CIRCUIT CONTINUITY IS INTERRUPTED TO THE DEVICES WHICH ARE TO REMAIN MAKE ALL THE NECESSARY MODIFICATIONS TO THE CIRCUITS IN ORDER TO MAINTAIN THE CIRCUIT INTEGRITY IN THE SAME DAY.

8, ALL NEW WORK MUST MEET THE CURRENT NATIONAL ELECTRICAL CODE,

9. PRIOR TO SUBMITTING A BID THE ELECTRICAL CONTRACTOR SHALL INSPECT THE SITE AND INCLUDED IN HIS BID PACKAGE ALL CHARGES DUE TO EXISTING CONDITIONS.

10. ALL ABANDONED CONDUITIN CONCRETE SLABS OR WALLS MUST BE CUT OFF AFTER CONDUCTORS HAVE SEEN REMOVED AND GROUND FLUSH WITH ADJUCENT SURFACES. PATCH AND FARIT WALL AND JUST ON MATCH. COORDINATE THIS WORK WITH THE GENERAL CONTRACTOR, PROVIDE BLANK COVERPLATES FOR J-BOXES IN CONCRETE OR BLOCK WALLS WHICH ARE NOT SEING USED.

	DEMOLITION SYMBOLS LIST
SYMBOL	DESCRIPTION
	RECESSED FLUORESCENT FIXTURE
	SURFACE MOUNTED FLUCRESCENT FIXTURE
□	FLUORESCENT STRIP LIGHT FIXTURE
	RECESSED FIXTURE
	WALL MOUNTED FIXTURE
\$	SURFACE MOUNTED FIXTURE
	WALL SCONCE FIXTURE
\otimes	EXIT LIGHT. ARROWS SHOW EXIT DIRECTION
모모모	TRACK LIGHTING FIXTURE
\$	SINGLE POLE TOGGLE SWITCH - 20 AMP
\$3	THREE WAY TOGGLE SWITCH - 20 AMP
Φ	DUPLEX CONVENIENCE OUTLET - 20 AMP
(♠)	DUPLEX CONVENIENCE OUTLET - 20 AMP GROUND FAULT INTERRUPTER
#	4-PLEX CONVENIENCE OUTLET - 20 AMP
	SPECIAL PURPOSE SINGLE PHASE OUTLET
(A)	SPECIAL PURPOSE THREE PHASE OUTLET
①	JUNCTION BOX - SIZE AND FUNCTION AS REQUIRED
ď	FUSED DISCONNECT SWITCH - SIZE AS REQUIRED
⑤	MOTOR LOCATION
\$ _T	MANUAL DISCONNECT WITH THERMAL OVERLOAD PROTECTION
2222	ELECTRICAL PANEL LOCATION
CLG	INDICATES CEILING MOUNTED DEVICE
	FLUSH TELEPHONE OUTLET
§9)	FIRE ALARM PHOTOELECTRIC SMOKE DETECTOR
F	FIRE ALARM MANUAL PULL STATION
H)	FIRE ALARM HORN WITH STROBE HIGH DECIBEL
F.A.C.P.	FIRE ALARM CONTROL PANEL



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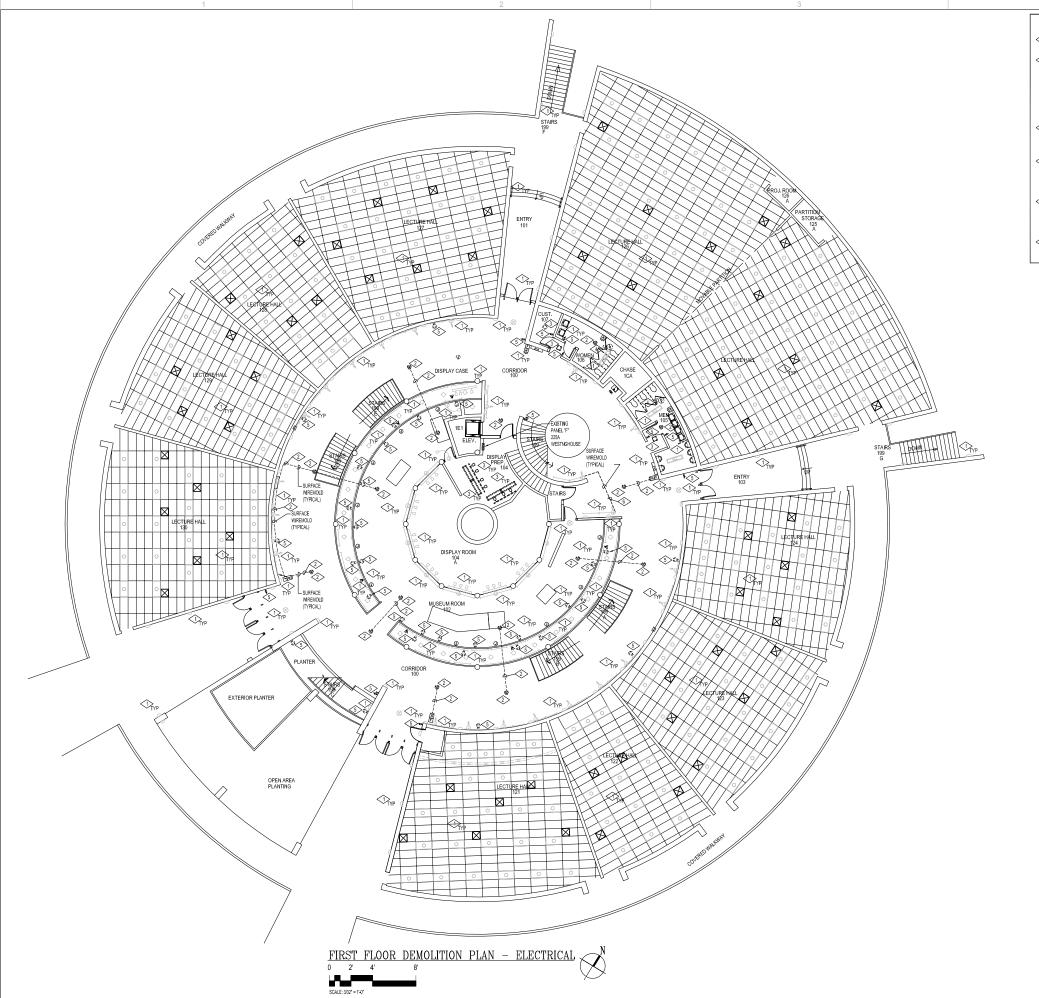


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GROUND FLOOR DEMOLITION PLAN **ELECTRICAL**

DEMO & ABATEMENT SET

DEE100



- EXISTING DEVICES SHALL REMAIN. MAKE ANY MODIFICATIONS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY.
- PEMOVE THE EMSTING FIRE ALAMI DEVICES AND ASSOCIATED J-BOXES, CONDUIT, COMDUCTORS, ETC., FRONT THE CRIBING TO ALLOW ARATEWIST. COORDINATE THIS WORK WITH HOUSENIN ALAMI. PORTORS OF THIS BLUDING SHAUL REJAMIN COLDED DURING THIS PROJECT. FIRE ALAMI SYSTEM IN THE COLURIED SPACE SHAUL REMAIN OPERATIONAL, REJAMIC CONDUIT AND COMBUSTORS AS EQUIDED BOX TO MARKEST DEVICE THAT SHALL REMAIN, PROTECT AND STORE EXISTING DEVICES FOR NEW INSTALLATION.

REMOVE THE EXISTING LIGHT FIXTURES INDICATED. REMOVE CONDUCTORS BACK TO CRIGINATION POINT. UTLIZE EXISTING CONDUIT AND JEDOKES AS POSSIBLE FOR NEW INSTALLATION. REMOVE ANY ABANDONED CONDUIT.

EXISTING EXHAUST FAN SHALL BE REMOVED BY MECHANICAL CONTRACTOR. DISCONNECT POWER AND REMOVE ASSOCIATED CONDUCTORS ALL THE WAY BACK TO POINT OF ORIGINATION. LITIZE EXISTING CONDUIT AS POSSIBLE FOR NEW INSTALLATION. REMOVE ANY ABANDONED CONDUIT.

REMOVE THE EXISTING DUPLEX OUTLETS AND LIGHT SWITCHES SHOWN AND REPLACE WITH NEW DEVICES AND COVERPLATES. EXTEND EXISTING CIRCUITS TO THE NEW DEVICES. PROVIDE TYPED CIRCUIT TAG ON NEW COVERPLATE TO INDICATE PANEL AND CIRCUIT.

REMOVE THE EXISTING SURFACE RACEWAY TO ALLOW ABATEMENT OF CEILING. REPLACE WITH NEW SURFACE RACEWAY.





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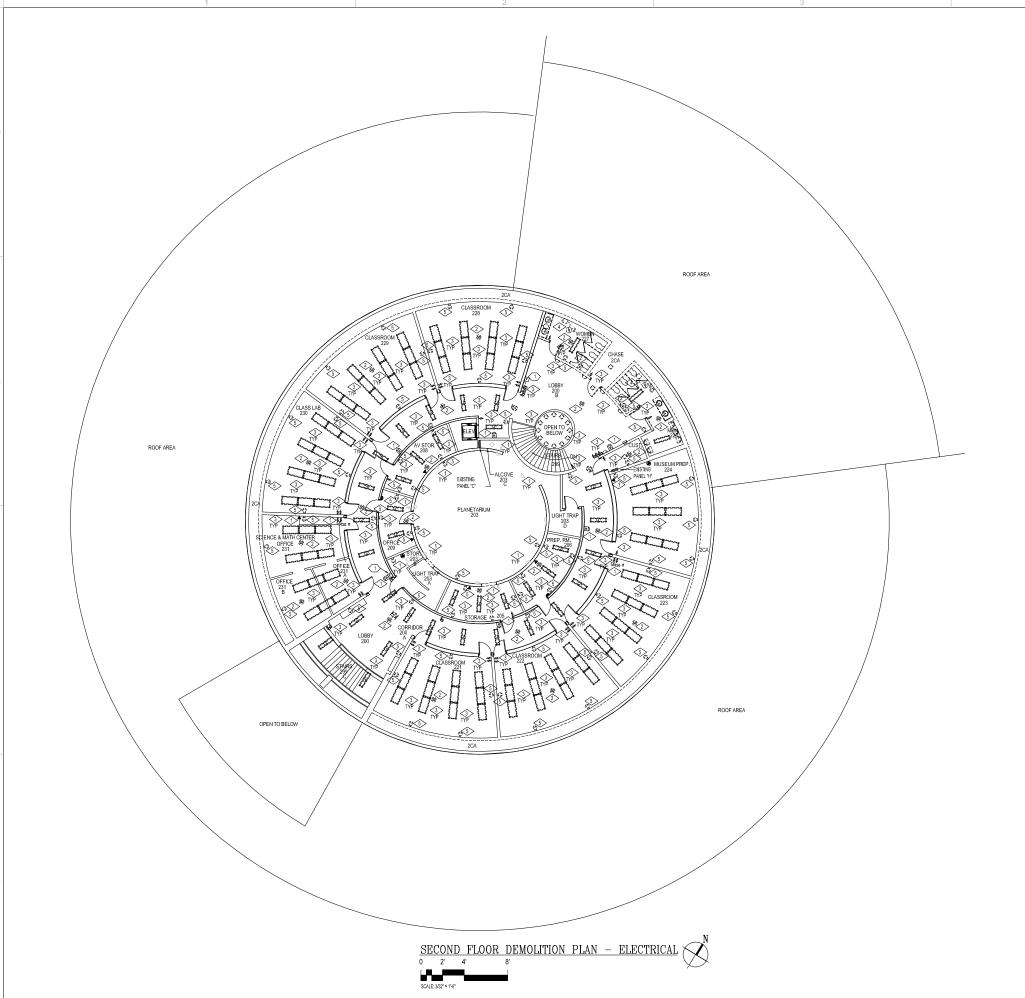
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FIRST FLOOR DEMOLITION PLAN ELECTRICAL

DEMO & ABATEMENT SET

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DEE101





REMOVE THE EXISTING LIGHT FIXTURES INDICATED. REMOVE CONDUCTORS BACK TO ORIGINATION POINT. UTILIZE EXISTING CONDUIT MD JEONES AS POSSIBLE FOR NEW INSTALLATION. REMOVE ANY ABANDONED CONDUIT.

REMOVE THE EXISTING DUPLEX OUTLETS AND LIGHT SWITCHES SHOWN AND REPLACE WITH NEW DEVICES AND COVERPLATES. PROVIDE TYPED CIRCUIT TAG ON NEW COVERPLATE TO INDICATE PANEL AND CIRCUIT.

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ALTERNATE REFERENCE NOTES:

REMOVE THE DISTING FIRE ALARM MANUAL PULL STATION AND BENESTALL AT 48" AFF.
TRACE CIRCUIT BACK TO NEAREST REMAINING DEVICES AND FROM THERE EXTEND
CONDUCTOR AND CONDUIT TO THE NEW LOCATION, DO NOT SPLICE FIRE ALARM
CONDUCTORS.



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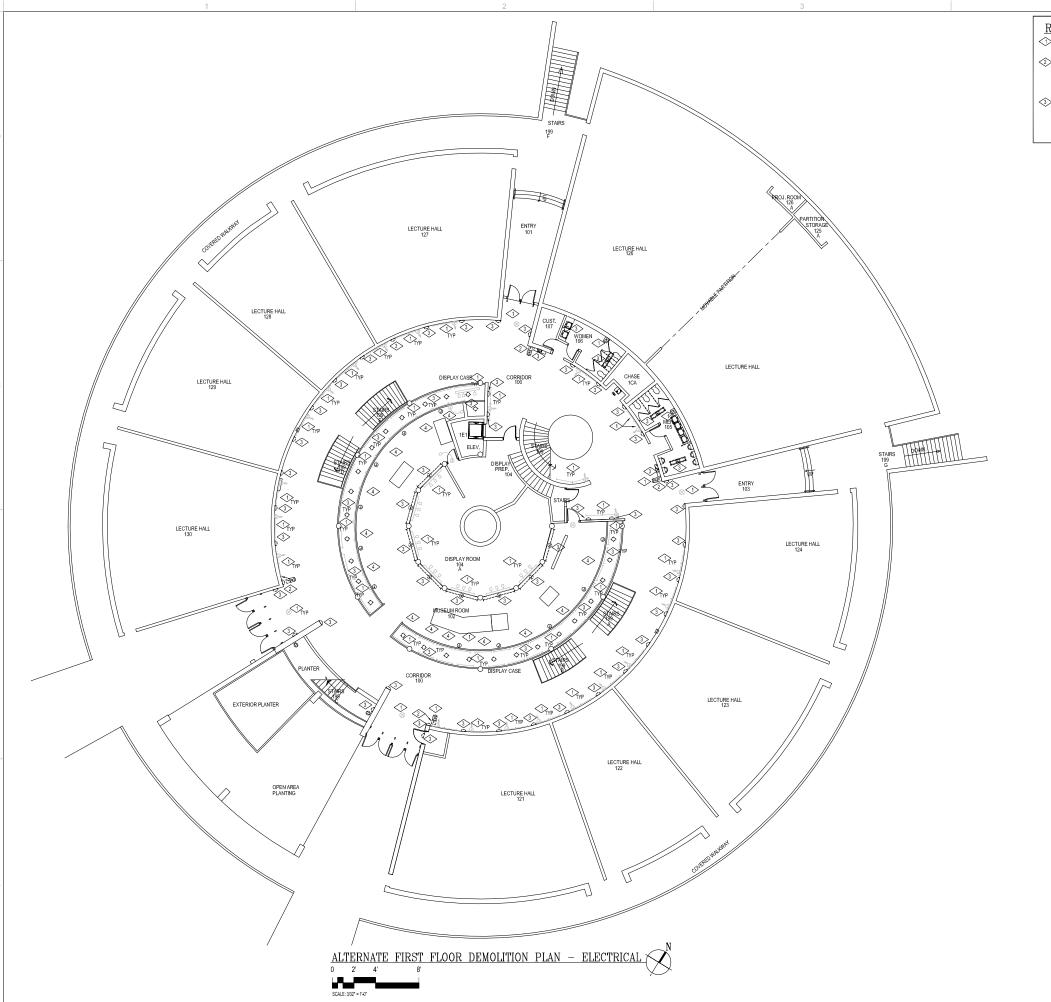


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SECOND FLOOR DEMOLITION PLAN **ELECTRICAL**

DEMO & ABATEMENT SET

DEE102



- REMOVE THE EXISTING FIRE ALARM MANUAL PULL STATION AND REINSTALL AT 48" A.F.F.
 TRACE CIRCLIT BACK TO NEAREST REMAINING DEVICES AND FROM THERE EXITEND
 CONDUCTOR AND CONDUIT TO THE NEW LOCATION. DO NOT SPLICE FIRE ALARM
 CONDUCTORS.
- REMOVE THE EXISTING LIGHT FIXTURES INDICATED. REMOVE CONDUCTORS ALL THE WAY BACK TO ORIGINATION POINT, UTILIZE EXISTING CONDUIT AND JEDICES AS POSSIBLE FOR NEW INSTALLATION, REMOVE ANY ABANDONED CONDUIT. COORDINATE WORK W



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ALT. FIRST FLOOR DEMOLITION PLAN ELECTRICAL

DEMO & ABATEMENT SET

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